

Observations and notes on Hymenoptera and Coleoptera of Bahçesaray district (Van Province, East Turkey)

Muhabbet Kemal¹ Ahmet Ömer Koçak

Abstract: Observations and notes on Hymenoptera and Coleoptera of Bahçesaray district (Van Province, East Turkey). *Cesa News* 154: 1-21, 49 figs.

In this paper, 111 species of 32 families of Hymenoptera and Coleoptera recorded from the district Bahçesaray (Van Province, East Turkey). Among them 36 species are recorded as new for the fauna of Van Province. To each identified species, synonymous names and distributional information as codes are added. Observational information are given as illustrations from the nature, if possible.

Keywords: Hymenoptera, Coleoptera, fauna, Bahçesaray, Van, Turkey

In the previous publication, the authors listed some Planipennia, Mecoptera, and Odonata species observed or collected from Bahçesaray district (Kemal & Koçak, 2018). The present list of the Hymenoptera and Coleoptera of Bahçesaray district are based upon mainly on the observations of the authors, during their several entomological trips in 2016 to the district Bahçesaray (Van Province, East Turkey), in order to determine primarily the Lepidoptera fauna.

The authors investigated the pterygot groups in Bahçesaray to some degree. Among the orders, the Hymenoptera and Coleoptera are the most important two orders. But yet, both of them are very little known in the literature. They were completely unknown in Bahçesaray district before this preliminary list.

In the previous papers on the Bahçesaray Pterygota, the authors listed totally 833 species. The present final paper before the supplement list comprises 111 species of 14 hymenopteran and 18 coleopteran families recorded from the Bahçesaray district. Thus, the total number of the species represented in the Pterygota fauna of Bahçesaray reached to 944. Among the species given below, 36 species are new records for the fauna of Van Province.

To each species, synonymous names, and the range as codes are added (Koçak & Kemal, 2017). A remarkable number of species, where observed in their living places of Bahçesaray are illustrated.

¹ Asst. Prof. Dr. Muhabbet Kemal, Van Yüzüncü Yıl University, Faculty of Science, Dept. of Biology, Campus, Van / Turkey.
e-mail: muhabbet_kemal@yahoo.com.tr - co-author: Prof. em. Dr. Ahmet Ömer Koçak, c/o Van Yüzüncü Yıl University, Faculty of Science, Dept. of Biology, Campus, Van / Turkey. e-mail: cesa_tr@yahoo.com.tr

List of the Hymenoptera species

(Figs. 1- 11)

Totally 41 species are recorded from the district. Among them 11 species are new for the fauna of Van Province.

Andrenidae**1. *Andrena (Scitandrena) scita* Eversmann, 1852**

Synonym(s): *scita* Eversmann, 1852

Range (in code): GR Ae Le Rd Cr TR IR RU 06 07 10 11 17 20 25 33 40 42 43 50 65 68 70 78 25C 25D 25E 25F 25K 25R 65A 65Ai

First record for the fauna of Van Province.

Apidae**2. *Bombus (Megabombus) argillaceus* (Scopoli, 1763)**

Synonym(s): *argillaceus* Scopoli, 1763; *sichelii* Radoszkowski, 1859

Range (in code): FR IT AT HU BG TR IR RU Cc ES PL 03 06 07 15 16 17 18 25 32 37 38 42 50 51 65 66 67 78 65A 65An

First record for the fauna of Van Province.

3. *Bombus (Megabombus) armeniacus* (Radoszkowski, 1877)

Synonym(s): *armeniaceus* Radoszkowski, 1877; *scythes* Skorikov, 1925

Range (in code): TR Cc AM IR Ak Th Elb RU RO GR MK UA Cm YU BG PL KG 03 04 06 13 25 30 36 38 42 65 13A 13Ac 13Ax 36C 36D 36Df 65A 65As 65D 65Df 65F 65Fp 65Fz 65N 65Np 65Nr3 65Nr4 65Nm

4. *Bombus (Sibiricobombus) niveatus* Kriechbaumer, 1870

Synonym(s): *niveatus* Kriechbaumer, 1870; *vorticatus* Gerstaecker, 1872

Range (in code): TR Cc AM AZ GG LB IR 03 06 07 14 19 25 26 36 38 42 51 65 66 76 65A 65Aö 65Aç 76B 76Bf 76Bh

5. *Melecta albifrons* (Förster, 1771)

Synonym(s): *albifrons* Förster, 1771; *punctata* Fabricius, 1775; *albovaria* Erichson, 1840; *armata* Panzer, 1799; *pseudoarmata* Radoszkowski, 1893; *mediterranea* Gribodo, 1893; *gigantea* Friese, 1925; *minima* Friese, 1925

Range (in code): DZ MA TN LY Cy EG GB DK PT ES FR BE DE EE PL CZ SK UA RO HU CH AT IT Sa Co Si SS HV YU GR Ae Le Sms Rd Cr BG Cr Rd CY TR AZ Len Cc Kir IR Ha IL Pa Js LB Bsa SY 01 06 13 25 34 35 37 50 53 60 63 65 70 73 13A 13Aç 13Ax 25F 65A 65As 65At 65At1 65N 65Np7 65Nm

6. *Xylocopa (Copoxya) armeniaca* Warncke, 1982

Synonym(s): *armeniaca* Warncke, 1982

Range (in code): AM Cc TR 30 36 65 73 30B 30Be 30D 30Du 36F 36Fb 65A 65As 65N 65Np1 65Nr4 65Nm 73C 73A 73Ağ 73Cd

7. *Xylocopa (Proxylocopa) olivieri* Lapeletier, 1841

Synonym(s): *olivieri* Lapeletier, 1841

Range (in code): ES AL MK GR Cr IL Pa Js IQ Amr Kku Bgd TR IR Ha Kd Ke Ss AF KK TM Kp PK CN Ui 01 04 06 07 08 13 20 24 25 30 31 32 33 36 42 48 51 56 65 73 25M 30D 56F 56Fm 65A 65As 65Am 65Am1 65D 65K 65Ku 65N 65Np4 65Np6 65Nr4 65Nm

8. *Xylocopa (s.str.) violacea* (Linnaeus, 1758)

Synonym(s): *violacea* Linnaeus, 1758; *insubrica* Müller, 1766; *femorata* Fabricius, 1804

Range (in code): GB ES FR BE DE PL CZ SK CH AT HU IT RU FI UA GR TR IQ Bgd IR Elb Mz 01 04 07 08 09 13 16 24 25 29 30 31 32 33 36 42 51 55 57 61 65 76 13A 13Aç 13Ax 30Du 31K 31Ka 65A 65Ai 65F 65F1 65Fd 65Fp 65Fz 65K 65Ky 65Ky1 65N 65Np 65Np5 65Np8 65Nr6 65Nm 76B 76Bf 76Bh

Argidae**9. *Arge cyanocrocea* (Forster, 1771)**

Synonym(s): *cyanocrocea* Forster, 1771; *syriaca* Mocsary, 1880

Range (in code): PT ES FR GB FI EE RU UA RO PL DE NL CH AT CZ SK HU B-H IT Co Si HV YU BG MK GR AL CY TR LB SY Cc IR TM JP 05 07 08 33 34 38 48 53 55 57 65 65A 65Am 65Am4
First record for the fauna of Van Province.

10. *Arge ustulata* (Linnaeus, 1758)

Synonym(s): *ustulata* Linnaeus, 1758

Range (in code): PT ES FR GB IE DK BE NL DE NO SE FI EE LT BY RU UA PL CZ SK HU CH AT IT B-H Si YU BG TR 65 65A 65Am 65Am4

First record for the fauna of Van Province.

Chalcididae

11. *Brachymeria femorata* (Panzer, 1801)

Synonym(s): *femorata* Panzer, 1801; *ornatipes* Cameron, 1906; *immaculata* Masi, 1951

Range (in code): B-H BG Cc HV CY EG FR Co DE IT HU GR TR IN Hp Up Ben Ch ID Ja IL Pa IQ IR Ar Ak Tbz Fa Ke Kz Th KG MK MD MN PK CN PH PL RO RU Sb Us SK ES SE CH UA GB YU ZA ZW 65 65A 65Am 65Am4

First record for the fauna of Van Province.

Crabronidae

12. *Phlanthus triangulum* (Fabricius, 1775)

Synonym(s): *ruspatrix* Linnaeus, 1767; *triangulum* Fabricius, 1775; *abdelcader* Lepeletier, 1845

Range (in code): PT ES FR BE NL GB DE PL SE FI CZ SK CH AT HU RO IT Sa YU AL GR BG CY TR 01 03 05 06 07 08 09 10 12 13 16 24 25 29 33 34 35 36 38 42 43 44 45 51 53 55 57 58 60 61 63 65 76 13A 13Ab 13Ax 13G 13Gw 58G 58Gj 65A 65Ac 65Ac3 65D 65Dp 65F 65Fe 65Fé 65F4 65Fp 65Fz

Cynipidae

13. *Andricus aries* (Giraud, 1859)

Synonym(s): *aries* Giraud, 1859

Range (in code): GB DE IT AT SK CZ HU HV SS PL UA RO GR TR 13 32 56 65 13G 56D 56Db 56Dc 56F 65A 65Ai 65D 65Dn

14. *Andricus askewi* Melika & Stone, 2001

Synonym(s): *askewi* Melika & Stone, 2001

Range (in code): TR 13 29 56 61 65 13F 56D 56Dc 56F 65A 65Ai 65D 65Dn

15. *Andricus grossulariae* Giraud, 1859

Synonym(s): *grossulariae* Giraud, 1859; *mayri* Wachtl, 1879; *panteli* Kieffer, 1897; *fructuum* Trotter, 1899; *intermedius* Tavares, 1922; *gemellus* Belizin & Maisuradze, 1961

Range (in code): PT ES FR GB DE PL UA CZ AT IT Si HU MD RO YU BG GR TR 07 09 15 20 32 56 65 56D 56Db 65A 65Ai 65F 65Fb

16. *Andricus insanus* (Westwood, 1837)

Synonym(s): *insanus* Westwood, 1837

Range (in code): IT AL GR TR IL Pa AZ Cc IR 13 21 30 56 65 73 13F 13G 13Gş 21L 21Ld 30D 30Df 56D 56Db 56Dc 56F 56F1 56Fq 65A 65Ai 65D 65Dn 65Dü 65F 65Fb 73D 73Dl

17. *Andricus kollari* (Hartig, 1843)

Synonym(s): *kollari* Hartig, 1843; *circulans* Mayr, 1870; *indigena* Giraud, 1909

Range (in code): PT ES FR GB BE NL DE DK PL UA RO MD CZ SK HU BG MK GR YU HV B-H SS IT TR 09 13 15 20 29 32 38 56 65 13F 13G 13Gş 38H 38Hc 56D 56Db 56Dc 56F 65A 65Ai 65F 65Fb

18. *Andricus megalucidus* Melika, Stone, Sadeghi & Pujade-Villar, 2004

Synonym(s): *megalucidus* Melika, Stone, Sadeghi & Pujade-Villar, 2004

Range (in code): TR IR Kd Ak Lo 13 15 30 32 56 65 73 13G 15J 30D 30Df 56D 56Dc 65A 65Ai 65D 65Dn 65F 65Fb 73D 73Df

19. *Andricus polycerus* (Giraud, 1859)

Synonym(s): *polycerus* Giraud, 1859; *subterranea* Giraud, 1859; *transversa* Kieffer, 1897; *trinacriae* Stefani, 1906
Range (in code): IT AT DE PL CZ SK HU RO BG GR TR 13 20 56 65 13F 56D 56Db 56Dc 56F 65A 65Aö 65D 65Dn 65F 65Fb

20. *Andricus quercustozae* (Bosc, 1792)

Synonym(s): *quercustozae* Bosc, 1792; *quercustojae* Fabricius, 1793; *argentea* Hartig, 1843; *rosenhaueri* Hartig, 1856; *kiefferi* Cabrera, 1897; *tozae* Kieffer, 1898
Range (in code): PT ES FR IT AT HU B-H HV YU AL MK BR GR RO UA TR 09 12 13 15 20 29 32 38 48 56 65 12A 12Ab 12E 12Eb 13F 13G 13Gş 38H 38Hc 56F 65A 65Ai 65F 65Fb

21. *Andricus sternlichti* Bellido, Pujade-Villar & Melika, 2003

Synonym(s): *sternlichti* Bellido, Pujade-Villar & Melika, 2003
Range (in code): IL Pa IR Lo TR 13 35 56 65 13F 56D 56Dc 56F 65A 65Ag 65D 65Dn

22. *Andricus tomentosus* (Trotter, 1901)

Synonym(s): *tomentosus* Trotter, 1901
Range (in code): HU RO YU BG GR TR 07 13 20 32 48 56 65 13F 56D 56Db 56F 65A 65Ai 65D 65Dn 65F 65Fb

Ichneumonidae**23. *Diphyus quadripunctorius* (Müller, 1776)**

Synonym(s): *quadripunctorius* Müller, 1776; *intratorius* Fabricius, 1793
Range (in code): AT BE GB CY CZ FR DE HU IT MD NO PL RO RU Sa SK ES SE CH TR UA 34 65 65A 65Am 65Am1
 First record for the fauna of Van Province.

Melittidae**24. *Dasypoda (Megadasypoda) braccata* Eversmann, 1852**

Synonym(s): *braccata* Eversmann, 1852; *tschertkoviana* Baer, 1853; *melanopleura* Baer, 1853; *anatolica* Warncke, 1973
Range (in code): AL AT BG Cc IT MK YU RU HU PL UA KG GR TR 06 23 24 25 30 36 42 44 46 47 58 65 69 06R 65A 65Ai 65Au
 First record for the fauna of Van Province.

25. *Dasypoda (s.str.) hirtipes* (Fabricius, 1793)

Synonym(s): *hirtipes* Fabricius, 1793; *graeca* Lepeletier, 1841
Range (in code): GR TR EG IR LY MN CN 04 05 06 08 10 11 13 16 24 25 26 34 35 36 37 38 42 43 45 50 55 57 58 60 65 66 75 76 04F 06Y 13G 13Gw 36C 65A 65Aj 65F 65Fe 65L

Mutillidae**26. *Ronisia brutia* (Petagna, 1787)**

Synonym(s): *brutia* Petagna, 1787; *sexmaculata* Cyrillo, 1787; *hungarica* Fabricius, 1793; *confusa* Lepeletier, 1845; *monspeliensis* Lepeletier, 1845; *robusta* Smith, 1855; *torosa* Costa, 1858; *sericeiventris* Costa, 1864; *duplex* Radoszkowski, 1885; *discoidalis* Radoszkowski, 1885; *morawitzii* Dalla Torre, 1897
Range (in code): TR GG AZ AM Cc IR TM Kp KG GR Cr CY BG HV YU MK DE AT CZ SK UA RU Ur IT Sa Si MT FR 03 11 20 22 24 25 30 33 35 36 42 60 65 25C 30D 30De 36C 65A 65As 65K 65Ky1

Pompilidae**27. *Lophopompilus samariensis* (Pallas, 1771)**

Synonym(s): *samariensis* Pallas, 1771; *atterima* Rossi, 1790; *tropicus* Dahlbom, 1843; *zelleri* Dahlbom, 1843; *sesquialterus* Fischer de Waldheim, 1843; *meridianus* Lepeletier, 1845; *grandis* Eversmann, 1846; *nigripennis* Sichel, 1860; *przewalskii* Radoszkowski, 1887
Range (in code): AT GR KG KK JP RU Sb Om At Tv Am Us Sh Sm B-H Co FR HU PT IT RO Sa Si ES CH TR UA Cm IR GlS Mz Elb Th 01 04 06 24 25 30 33 36 38 42 50 51 58 65 69 36F 36Fb 58G 65A 65Ac2 65B

Scoliidae**28. *Scolia (s.str.) sexmaculata* (Müller, 1766)**

Synonym(s): *sexmaculata* Müller, 1766; *biguttata* Fabricius, 1804; *violacea* Panzer, 1799; *syriaca* Klug, 1832; *hispanica* Betrem, 1935; *beirutii* Betrem, 1935; *montana* Steinberg, 1962; *orientalis* Steinberg, 1962; *dionysopolis* Tkalcu, 1988

Range (in code): IT LB Bei ES TR DE GB IR Fa Shr Ak Ab Th Kh Kd Mz 01 02 04 06 07 08 09 13 15 21 24 25 27 30 34 35 36 38 42 53 65 73 76 65A 65Ac

Sphecidae**29. *Sceliphron (s.str.) destillatorium* (Illiger, 1807)**

Synonym(s): *flavipes* Christ, 1791 nec Fabr., 1781; *destillatorium* Illiger, 1807; *pensilis* Illiger, 1807; *sardonius* Lepeletier, 1845; *sardous* Caruccio, 1872; *trinacriensis* De Stefani Perez, 1889

Range (in code): PL DE HV CZ RU Aa Or Ur IT AT UA Cm Sa Si HU GR PT ES CH BG MA RO TN FR AL IL Pa DZ TR Cr TM MT Cc CN Ui Ga Pkn KG 01 03 05 06 07 08 09 15 20 16 25 26 28 31 34 36 37 42 44 45 46 54 61 63 65 80 44L 44Lc 65A 65Ac 65Ac2 65D 65Do 65N 65Nc

Tenthredinidae**30. *Tenthredo (s.str.) scrophulariae* Linnaeus, 1758**

Synonym(s): *scrophulariae* Linnaeus, 1758; *branensis* Pic, 1926; *joannis* Pic, 1926; *morvandicus* Pic, 1926; *repartitus* Pic, 1926

Range (in code): AL HV GB MK SK YU CZ GR NL SS AT DK HU NO ES BY EE IR PL SE BE FI IT PT CH B-H FR LT RO BG DE UA TR RU Cc 08 14 24 25 53 58 60 65 69 76 65A 65Ai 65Am 65Am4 76B 76Bj 76Bi

First record for the fauna of Van Province.

Vespidae

J. Gusenleitner (pers. comm., 20 July 2016) kindly helped for the identification of some Eumenid species from Bahçesaray (see below).

31. *Ancistrocerus gazella* (Panzer, 1798) (Figs. 1-3)

Synonym(s): *gazella* Panzer, 1798 Range (in code): GB DE TR PK Swa AF NO SE NL FR ES IT PL AT UA RO BG MA 06 65 65A 65Ai

Material examined: 1♀ (det. J. Gusenleitner). Van Pr., Bahçesaray, Paşaköy 1600m, M. Kemal & A. Koçak leg. (Cesa)

First record for the fauna of Van Province.

32. *Ceramius caucasicus* André, 1884

Synonym(s): *caucasicus* André, 1884 Range (in code): Cc AM IR TR 25 30 65 76 25C 25Ca 65A 65At 65At4 65D 65Do 65F 65Fp 65Fz 65N 65Nr3 65Nm 76B 76Bf 76Bh

33. *Delta dimidiatipenne* (Saussure, 1852)

Synonym(s): *dimidiatipenne* Saussure, 1852; *transcaspicus* Morawitz, 1895 Range (in code): Cn ES DZ EG JO Pet TR AF PK Msr Dir Pes Nwf Pj NP IN ET IR SA AE MG IL Pa SO SY YE ZA Tva Lpo NG ET SO Sk MR TD ER DJ UG 65 65A 65Am 65Am2 65F 65Fd

34. *Delta unguiculatum* (Villers, 1789)

Synonym(s): *unguiculatum* Villers, 1789; *coangustata* Rossi, 1790; *cursor* Christ, 1791; *lapidica* Christ, 1791; *infundibuliformis* Olivier, 1791; *dumetorum* Panzer, 1799; *olivieri* Lepeletier, 1841; *huberti* Saussure, 1852; *sporadense* Schulthess, 1929 Range (in code): PT ES DZ EG FR CH AT IT DE SS HV HU RO BG ML GR Si AL Cr Rd TR CY 01 06 07 08 09 11 13 17 25 27 30 31 32 35 42 45 48 56 65 13G 13Gs 13Gw 56F 56F1 65A 65Ac 65Ac2

35. *Eumenes coarctatus* (Linnaeus, 1758) (Figs. 7-9)

Synonym(s): *coarctatus* Linnaeus, 1758; *lunulatus* Fabricius, 1804

Range (in code): TR CY IL Pa KG 06 07 08 11 24 25 33 35 36 42 55 65 76 65A 65Ai 65Am 65Am2

Material examined: 1♀: Van Pr., Bahçesaray, Upper Mukus Valley (65Am2), 2♂: Bahçesaray, Paşaköy 1600m, M. Kemal & A. Koçak leg. (Cesa). All the specimens are identified and attributed to *lunulatus* F. by Dr. J. Gusenleitner.

First record for the fauna of Van Province.

36. *Gymnomerus laevipes* (Shuckard, 1837) (Figs. 4-6)

Synonym(s): *laevipes* Shuckard, 1837; *cognatus* Dufour, 1839; *rubicola* Dufour, 1839; *simplicipes* Herrich-Schäffer, 1839

Range (in code): ES FR GB DK DE PL BY RU Sb NO SE FI EE LT LV UA CZ SK HU CH AT IT Co Si SS HV B-H YU AL MK GR BG Cr TR Cc 06 08 11 14 16 25 29 34 36 65 06R 65A 65Am 65Am4

Material examined: 1♀ (det. J. Gusenleitner, as nominate subspecies). Van Pr., Bahçesaray, Upper Mukus Valley 1840m (65Am4), M. Kemal & A. Koçak leg. (Cesa)

First record for the fauna of Van Province.

37. *Hemipterochilus simplex* Gusenleitner, 2000 (Figs. 10, 11)

Synonym(s): *simplex* Gusenleitner, 2000

Range (in code): TR IR Ha 04 13 58 65 13A 13C 58G 65A 65Ab 65G 65Ge 65F 65Fa

Material examined: 1♂ (det. J. Gusenleitner). Van Pr., Bahçesaray, Krapet Pass 2725m (65Ab), M. Kemal & A. Koçak leg. (Cesa)

38. *Polistes (s.str.) bighumis* (Linnaeus, 1758)

Synonym(s): *bighumis* Linnaeus, 1758; *alpium* Blüthgen, 1957

Range (in code): Cc TR RU Ur Sb Am Us KG MN IR 06 07 08 16 25 29 31 36 60 65 69 75 76 31K 31Ka 65A 65Aö 65As 65B 65Bn 65Bn1 65F 65Fp 65Fz 65Fq 76D 76Dc

39. *Polistes (s.str.) dominula* (Christ, 1791)

Synonym(s): *dominulus* Christ, 1791; *bucharensis* Erichson, 1949; *mucheii* Gusenleitner, 1976

Range (in code): TN IT FR BE DK CZ DZ YU TR Cc RU Sb Ur KG JP GB DK SE UZ Br AF PK IR AM Cc IL Pa JO MN CN CA AU CL US 01 02 05 06 07 08 09 10 13 17 20 21 24 25 26 31 32 33 34 35 36 41 42 44 45 46 47 48 49 53 55 56 59 60 63 65 76 78 13A 13Ab 13Ax 31K 31Ka 56F 65A 65Am 65Am1 65Aö 65D 65F 65Fé 65F4 65G 65Gf 65I 65K 65Ky1 73A 73Ad 73Ad2 73Ak 76D 76Dc

40. *Polistes (s.str.) nimphus* (Christ, 1791)

Synonym(s): *nimpha* Christ, 1791; *opinabilis* Kohl, 1898; *moltonii* Guiglia, 1944; *irakensis* Gusenleitner, 1976

Range (in code): DE FR IT YU RO BG GR ES DZ DK GB BE NL CZ TR IL Pa IQ AZ Cc PK Swa IN Ch Hp MN CN 01 05 06 07 08 11 20 23 25 33 35 36 44 45 46 48 55 65 66 69 77 78 65A 65Am 65Am2 65F 65Fe

41. *Vespula germanica* (Fabricius, 1793)

Synonym(s): *germanica* Fabricius, 1793

Range (in code): Cn Az MA TN DZ TR Cc SY JO IR AF PK Bl Hu Dir Swa Ci Abb Msr Psu Cls Qu IN Ch KG Uk MN CN Ui Mc RU Ur Sb Am Us Sh KP KR AU NZ ZA CA US CL AR 05 06 07 08 09 10 12 13 15 16 17 20 21 25 29 31 32 33 34 35 36 38 40 41 42 44 45 46 47 48 49 50 52 56 60 63 64 65 66 69 73 77 78 12A 12Ab 13A 13Ab 13Ac 13Ax 25O 25R 33K 33Kb 56F 65A 65Aö 65Am 65Am4 65K 65Kb 65N 65Nc 65Nc4 65Np 65Np5 65Nm 73A 73Ad 73Ad2



Figs. 1-6. Various *Eumeninae* from Van Prov., Bahçesaray. Triple group on the left: *Ancistrocerus gazella* from Paşaköy, head (front view), dorsal and lateral view of the body. Triple group on the right: *Gymnomerus laevipes* from Upper Mukus Valley, head (front view), dorsal and lateral view of the body. M. Kemal (Cesa)



Figs. 7-11. Various *Eumeninae* from Van Prov., Bahçesaray. Triple group on the left: *Eumenes coarctatus lunulatus* F from Upper Mukus Valley, head (front view), dorsal and lateral view of the body. Pair on the right: *Hemipterochilus simplex* Gusenl. from Krapet Pass, head (front view), dorso-lateral view of the body. M. Kemal (Cesa)

List of the Coleoptera species

(Figs. 12-49)

Totally 70 species are recorded from the district. Among them 25 species are new records for the fauna of Van Province.

Attelabidae

42. *Attelabus nitens* (Scopoli, 1763) (Fig. 12)

Synonym(s): *nitens* Scopoli, 1763; *curculionoides* Linnaeus, 1767; *coryli* Müller, 1776; *maculipes* Rondani, 1833

Range (in code): DE BG FR NL GB IR ES Cc KG Co RU IT Sa Si TR TM 01 07 08 09 11 13 16 31 33 34 62 65 80 65A 65Ai 65D

43. *Deporaus (Caenorhinus) mannerheimii* (Hummel, 1823)

Synonym(s): *mannerheimii* Hummel, 1823; *megacephalus* Germar, 1824

Range (in code): GB RU Sb TR 65 65A 65Ai

First record for the fauna of Van Province.

44. *Rhynchites hungaricus* (Herbst, 1784) (Fig. 13)

Synonym(s): *hungaricus* Herbst, 1784; *marginatus* Schrank, 1798; *ursus* Gebler, 1830; *anatolicus* Schilsky, 1903; *marginicollis* Schilsky, 1903; *maculicollis* Reitter, 1916; *suturifer* Reitter, 1916

Range (in code): BG AM Cc HU IR MK RU Sb SY TR GR 01 02 03 05 06 07 09 10 11 12 13 15 16 18 19 20 23 24 25 26 27 30 31 32 33 34 35 37 42 45 46 47 48 55 57 60 64 65 66 70 80 13F 65A 65Ai

First record for the fauna of Van Province.

Buprestidae

45. *Acmaeoderella (Euacmaeoderella) villosula* (Steven, 1830)

Synonym(s): *villosula* Steven, 1830; *boryi* Brullé, 1832; *steveni* Faldermann, 1838

Range (in code): AF AZ Cc AM GG IQ Su IR IL Pa ES CY LB EG PT RU SY TJ TM JO GR TR 01 05 06 07 08 09 10 16 20 24 25 27 30 31 33 35 36 46 48 50 65 06K 08H 24K 25A 25C 25E 25F 25I 25K 25L 25N 25R 25O 36F 36Fb 65A 65Ai

46. *Anthaxia (Cratomerus) hungarica* (Scopoli, 1772)

Synonym(s): *hungarica* Scopoli, 1772; *trochilus* Fabricius, 1776; *cyanicornis* Fabricius, 1781; *elegantula* Schrank, 1781; *stephanelli* Petagna, 1787; *femorata* Villers, 1789; *exaltata* Fabricius, 1798

Range (in code): DZ AT YU Cr GR CZ CH FR DE IT HU MA PT RU SK ES UA TR DE AT BE AL Cc GG Tbl MK IR SY 08 25 37 39 42 47 65 08H 25R 25S 42B 47D 47Dc 65A 65Am 65Am4

47. *Anthaxia (s.str.) fulgurans* (Schränk, 1789)Synonym(s): *fulgurans* Schränk, 1789Range (in code): AM AT CZ Cc DE HU IT SK ES CH UA TR 06 07 34 35 42 48 65 65A 65A 65Aö

First record for the fauna of Van Province.

Cantharidae**48. *Cantharis (s.str.) livida* Linnaeus, 1758**Synonym(s): *livida* Linnaeus, 1758; *hungarica* Csiki, 1903Range (in code): TR AZ AM GG Cc RU AL AT BE B-H HV BY BG GR RU Ur EE LT FI FR DE GB HU IT MK PL PT RO SK SS ES SE CH UA YU MA IL Pa US 01 05 06 07 08 13 17 19 21 24 25 31 32 33 36 41 42 44 51 53 60 62 65 66 68 70 75 76 08A 08H 19N 21P 24G 24H 25A 25F 25I 25M 25R 36D 62C 65A 65Am 65Am4 75F 76D 76Dc

First record for the fauna of Van Province.

Carabidae**49. *Cicindela asiatica* Audouin & Brullé, 1839**Synonym(s): *asiatica* Audouin & Brullé, 1839Range (in code): TR SY IR Qz AM AZ Nv Ord Cc TM Kp 01 12 13 23 30 31 46 49 56 62 63 65 13C 13Cd 56B 56F 65A 65A 65Ag 65K 65Kz 65Kg**50. *Cicindela desertorum* Dejean, 1825**Synonym(s): *desertorum* Dejean, 1825Range (in code): TR RU Ur GG AZ AM 08 13 28 29 52 53 61 65 73 75 76 13A 13Ab 13Ac 13Ax 13F 13F11 65A 65Am 65Am1 65D 65Dè 65F 65Fb 65G 65Gf 76C***Cerambycidae*****51. *Agapanthia (Epopetes) walteri* (Reitter, 1898)**Synonym(s): *walteri* Reitter, 1898; *erivanica* Pic, 1900; *theryi* Pic, 1908Range (in code): TR AM Eri Cc AZ GG IR 05 12 13 25 30 36 47 62 65 13F 30B 30Bg 65A 65Ai 65F 65Fd**52. *Agapanthia (Synthapsia) kirbyi* (Gyllenhal, 1817) (Fig.14)**Synonym(s): *kirbyi* Gyllenhal, 1817; *latipennis* Mulsant, 1862; *zawadskyi* Fairmaire, 1866Range (in code): ES FR IT SK HU Cc UA MD RO YU AL MK GR BG Cr RU TR IL Pa SY IR 01 03 04 05 06 07 11 13 15 16 19 22 24 25 32 33 35 36 38 40 42 44 45 46 51 56 60 65 68 80 13A 13Ag 13Ax 13G 13Gd 13F 44A 44Ab 65A 65At 65At2 65F 65Fp 65Fz**53. *Chlorophorus varius* (O.F. Müller, 1766) (Fig.15)**Synonym(s): *varius* O.F. Müller, 1766; *damascenus* Chevrolat, 1854 [ssp.]Range (in code): Cc TR SY Dms IR SK HV 01 07 12 13 30 33 49 62 65 80 12A 12Ab 12Ai 13F 13F38 30D 30Dç 65A 65Ai

First record for the fauna of Van Province.

54. *Dorcadion (Cribridorcadion) pedestre* (Poda, 1761)Synonym(s): *pedestre* Poda, 1761; *suturalis* Voet, 1778; *rufipes* Fabricius, 1792;...Range (in code): AL AT BG CZ HU IT RO Ur SK UA YU TR 34 65 65A 65Am 65Am1 65F 65Fd**55. *Judolia erratica* (Dalman, 1817)**Synonym(s): *erratica* Dalman, 1817Range (in code): AL B-H BG HV FR CH UA BY Cm MD Sb CN GR HU IT KG MK MN MEE RO RU YU Si SS ES CZ SK TR Cc IR 03 05 06 07 08 11 13 14 16 18 19 23 24 25 27 29 31 32 34 35 36 37 39 42 45 49 53 55 57 58 60 61 62 65 66 67 71 78 81 06R 31M 65A 65Ai 65F 65Fd**56. *Mallosia (Eumallosia) imperatrix* Abeille de Perrin, 1885 (Fig.16)**Synonym(s): *imperatrix* Abeille de Perrin, 1885; *robusta* Pic, 1901; *tauricola* K. Daniel, 1904Range (in code): SY LB TR IQ IR 02 12 13 25 30 31 65 80 02F 30B 30Be 65A 65Am 65Am4 65D 65Db 65Dç 65Dg 65F 65Fd 65Fz 65H 65Hf 65K 65Kl

- 57. *Mallosia (Eusemnosia) interrupta* (Pic,1905) (Fig.17)**
 Synonym(s): *interrupta* Pic,1905
Range (in code): TR IR 13 56 65 13A 13Ab 13Ax 13G 13Gö 13Gğ 56F 56Fc 65A 65As 65B 65D 65Db 65Dd 65F 65Fe 65Fz 65N 65Nr4 65Nm
- 58. *Musaria kurdistan* (Ganglbauer,1884) (Fig.18)**
 Synonym(s): *kurdistan* Ganglbauer,1884; *caucasica* Pic,1897; *korbi* Pic,1898; *luristanica* Pic,1917; *innotaticeps* Pic,1931
Range (in code): AM Cc TR IQ IR Kd Lo 13 30 65 65A 65As 65D 65Dd 65Dda 65K 65Kb
- 59. *Musaria puncticollis* (Faldermann,1837) (Fig.19)**
 Synonym(s): *puncticollis* Faldermann,1837
Range (in code): TR IR Ab AM Cc 13 56 65 13G 56F 56F1 65A 65As 65D 65Dè 65Dg 65N 65Nr4 65Nm
 This species inhabits at Upper Heights together with the previous one sympatrically.
- 60. *Neoplagonotus bobelayei* (Brullé,1832)**
 Synonym(s): *speciosus* Adams,1817; *bobelayei* Brullé,1832
Range (in code): BG TR MK GR RO UA RU AM Cc SY JO IR 33 56 65 56F 56F1 56Fp 65A 65Ac 65Ac3 65N 65Np 65Nm
- 61. *Osphranteria coerulescens* Redtenbacher,[1849] (Fig. 20)**
 Synonym(s): *coerulescens* Redtenbacher,[1849]; *coeruleipennis* Schwarzer,1931; *mirabilis* Podany,1980; *inaurata* Holzschuh,1981
Range (in code): IR TR SY IQ PK 02 21 23 24 30 47 56 63 65 72 73 02F 02Fb 23D 23Dc 23E 30B 30Be 30Br 30C 30Ch 30D 30Df 56F 56Fm 65A 65Ai 65D 65Dda 65Fz 73A 73Ad 73Ad2
 Remarks: Adult insect smell strongly "Fenugreek" (Çemen, in Turkish). The authors have experienced this case many times, when *Osphranteria* beetle kept with hands.
- 62. *Oxylia argentata* (Ménétriés,1832) (Fig. 21)**
 Synonym(s): *argentata* Ménétriés,1832; *languida* Ménétriés,1839
Range (in code): AZ Cc AM GG UA IR TR SY LB JO IL Pa CY 02 13 65 73 02F 02Fb 13F 65A 65Ai 65Aj 73A 73Ac
 First record for the fauna of Van Province.
- 63. *Paraplagionotus floralis* (Pallas,1773)**
 Synonym(s): *floralis* Pallas,1773
Range (in code): ES FR CH IT AT PL CZ SK HU SS HV YU AL RO BG GR UA RU SY IL Pa IQ KG TR Cc IR 13 46 65 13A 13Ab 13Ae 13Ac 13Af 13Ax 13G 13Gd 46F 46Fg 65A 65At 65At4 65D 65Df 65Dla 65F 65Fd 65Fz 65Fp 65Fç 65K 65Ké 65Kğ
- 64. *Pedostrangalia riccardoi* Holzschuh,1984**
 Synonym(s): *riccardoi* Holzschuh,1984
Range (in code): IL Pa SY JO Dms TR 65 65A 65Ai
 First record for the fauna of Van Province.
- 65. *Pseudovadonia livida* (Fabricius,1777)**
 Synonym(s): *livida* Fabricius,1777; *pecta* K.Daniel & J.Daniel,1891
Range (in code): RU Cc TR IR DE CZ 02 05 06 07 08 11 13 14 16 18 24 25 27 28 29 31 32 33 34 35 36 37 39 42 45 51 52 53 55 64 65 69 71 74 78 80 81 31M 65A 65Am 65Am4
 First record for the fauna of Van Province.
- 66. *Stenurella bifasciata* (O.F.Müller,1776) (Fig.22)**
 Synonym(s): *bifasciata* O.F.Müller,1776
Range (in code): RU Cc TR IR DE 01 02 03 05 06 07 08 11 12 13 14 15 16 17 18 19 24 25 27 29 31 32 33 35 37 38 39 42 45 46 48 50 53 55 56 61 64 65 66 67 68 71 74 75 77 78 80 81 02F 02Fb 27E 56F 56Fn 65A 65Ai
 First record for the fauna of Van Province.
- 67. *Stictoleptura tripartita* (Heyden,1889) (Fig.23)**
 Synonym(s): *tripartita* Heyden,1889
Range (in code): SY TR IR 02 12 13 24 25 30 36 38 44 46 53 56 62 65 66 02F 13G 56F 56F1 65A 65Ac 65Ac3 65Ai 65D 65Dl 65Do 65F 65Fq

Chrysomelidae**68. *Cryptocephalus moraei* (Linnaeus, 1758) (Fig. 24)**Synonym(s): *moraei* Linnaeus, 1758Range (in code): RU Sb AL BG PL UA Cm YU Cc IR TR JO 01 03 06 08 11 13 14 16 21 24 25 28 30 32 33 35 36 37 39 42 48 53 54 55 58 60 61 62 65 67 60B 60K 60O 65A 65Ai

First record for the fauna of Van Province.

69. *Cryptocephalus sericeus* (Linnaeus, 1758) (Fig. 25)Synonym(s): *sericeus* Linnaeus, 1758Range (in code): TR AT AL BG Cc KG UA Cm PL Sb RU GR YU 06 08 10 16 17 19 25 32 35 36 37 39 42 50 55 65 75 65A 65Ai

First record for the fauna of Van Province.

70. *Cryptocephalus* sp. (Figs. 26, 27)Temporarily placed in the genus *Cryptocephalus* Geoffroy.**71. *Cryptocephalus trimaculatus* (Rossi, 1790)**Synonym(s): *trimaculatus* Rossi, 1790Range (in code): FR DE RU Sb SK AL GR YU Cc BG HU TR 04 05 06 08 16 25 29 33 35 42 45 48 65 65A 65Ai

First record for the fauna of Van Province.

72. *Labidostomis (s.str.) asiatica* Faldermann, 1837Synonym(s): *asiatica* Faldermann, 1837Range (in code): TR Cc IR SY 01 03 05 06 09 10 11 23 25 26 33 35 38 42 45 48 61 65 25A 25K 25O 25S 65A 65Am 65Am1

First record for the fauna of Van Province.

73. *Lilioceris faldermanni* (Guérin-Ménéville, 1829)Synonym(s): *faldermanni* Guérin-Ménéville, 1829; *cornuta* Faldermann, 1837Range (in code): TR Cc SY 06 07 25 32 46 65 69 65A 65Am 65Am1

First record for the fauna of Van Province.

74. *Sermylassa halensis* (Linnaeus, 1767) (Fig. 28)Synonym(s): *halensis* Linnaeus, 1767Range (in code): AT BE B-H BG BY CZ DE FR GB HU IT LT NL PL SK ES CH UA YU KG TR 25 32 55 65 65A 65Aç

First record for the fauna of Van Province.

75. *Smaragdina limbata* (Steven, 1806)Synonym(s): *limbata* Steven, 1806; *dorsalis* Olivier, 1808Range (in code): BG GR TR Cc IR SY RU 01 03 05 06 07 09 10 11 14 15 16 17 18 19 20 21 24 25 26 27 30 31 32 33 34 35 37 42 45 46 48 51 54 55 57 64 65 66 67 78 80 81 25R 25S 31K 31Ka 31L 65A 65Am 65Am1 65D 65Dl 65Dla**Cleridae****76. *Trichodes* aff. *affinis* Chevrolat, 1843 (Fig. 29)**

For the precise identification, it needs further research.

77. *Trichodes apiarius* (Linnaeus, 1758) (Fig. 30)Synonym(s): *apiarius* Linnaeus, 1758Range (in code): DE BG RU TR Cc AM GG 06 08 24 34 36 65 66 06R 36D 36Db 65A 65Ai 65D 65Dlc**78. *Trichodes ephippiger* Chevrolat, 1874 (Fig. 31)**Synonym(s): *ephippiger* Chevrolat, 1874Range (in code): TR SY IQ IR 01 12 13 21 23 25 27 30 44 46 47 49 56 62 63 65 73 12A 12Ah 13G 13Ga 13Ge 21N 21Ne 30A 30Ae 44E 44Ea 44Ed 44L 44Lc 56B 56F 56F1 56Fs 65A 65An 65As 65D 65Dla 65Do 65Doa 65F 65Fb 73A 73Ak 73D 73Df**79. *Trichodes quadriguttatus* Adams, 1817**Synonym(s): *quadriguttatus* Adams, 1817; *quadripustulatus* Brullé, 1832; *quadripunctatus* Spinola, 1844

Range (in code): GR BG TR IL Pa SY JO Cc GG Tbl IR Ak Ab TM KG 01 05 06 07 08 09 16 17 19 20 23 24 26 30 31 32 34 35 38 39 42 44 45 46 50 51 58 60 65 66 69 70 71 73 80 06R 06V 06Vb 58G 65A 65Ai 65F 65Fp 65Fz 65N 65Nc 65Np1 65Np4 65Np7 65Nm

80. *Trichodes sexpustulatus* Chevrolat, 1874

Synonym(s): *sexpustulatus* Chevrolat, 1874; *erratus* Champenois, 1898

Range (in code): TR AM Cc Eri SY IR 01 06 07 08 13 25 29 33 38 44 50 51 58 61 62 65 06R 13A 13Ac 13Ax 58G 65A 65F

Coccinellidae

81. *Adalia (s.str.) decempunctata* (Linnaeus, 1758)

Synonym(s): *decempunctata* Linnaeus, 1758

Range (in code): IT Sa Si TR JP 01 06 10 21 22 23 25 32 33 35 38 45 46 47 51 53 65 65A 65Am 65Am4

First record for the fauna of Van Province.

82. *Coccinella (s.str.) septempunctata* Linnaeus, 1758

Synonym(s): *septempunctata* Linnaeus, 1758; *brucki* Mulsant, 1866

Range (in code): Az Md BE NL PT ES Co Sa Si GB IE IS NO SE FI SS HU HV B-H YU AL MK GR BG RO CH AT CZ SK DE PL DK EE LT LV BY RU UA MD MT Cr Rd CY IT TR IR JP 01 06 07 08 10 13 14 15 16 17 18 20 21 22 23 24 25 27 30 31 32 33 34 35 36 38 42 44 45 46 47 48 49 51 53 56 58 59 65 73 76 13A 13Ac 13Ax 13F 13G 13Gö 13Gğ 21N 21Nb 21Nc 30A 30Ae 31K 31Ka 36D 36Db 44L 44Lc 49F 49Fb 56D 56Db 56Dc 56Dh 56F 56Fa 56Fc 65A 65Am 65Am1 65B 65Bn 65Bn1 65F 65F1 65Fd 65Fw 65Fz 65N 65Nc 65Np 65Nr6 65Nr7 65Nm 73D 73Df 76B 76Bf 76Bh

83. *Coccinula quatuordecimpustulata* (Linnaeus, 1758) (Fig.32)

Synonym(s): *quatuordecimpustulata* Linnaeus, 1758

Range (in code): IT Si Sa TR 01 06 07 10 16 20 22 24 25 32 35 38 40 42 46 51 59 65 38H 38Hc 40G 40Gb 65A 65Ai

First record for the fauna of Van Province.

84. *Hippodamia (Adonia) variegata* (Goeze, 1777) (Fig.33)

Synonym(s): *novempunctata* Scopoli, 1763; *variegata* Goeze, 1777; *cabrini* Fourcroy, 1785; *tredecimpunctata* Fourcroy, 1785; *mutabilis* Scriba, 1790; *septemnotata* Fabricius, 1793; *fennica* Thunberg, 1795; *laeta* Fabricius, 1798; *corsica* Weise, 1879...

Range (in code): FR Co IT Sa Si TR SA IN CN Ui Nra 05 06 07 09 10 15 20 21 22 23 24 25 31 32 33 36 38 42 44 45 46 47 51 56 59 63 65 73 65A 65At 65At2 65N 65Nc 65Np4 65Nm

85. *Psyllobora vigintiduopunctata* (Linnaeus, 1758)

Synonym(s): *vigintiduopunctata* Linnaeus, 1758; *vulgaris* Haworth, 1812

Range (in code): IT Si Sa TR SY AM Cc RU Sb 01 06 07 13 16 17 21 22 23 24 25 32 33 35 38 40 42 44 45 46 47 49 65 76 40G 49F 49Fb 65A 65Ai 65F 65F2

86. *Vibidia duodecimguttata* (Poda, 1761) (Fig.34)

Synonym(s): *duodecimguttata* Poda, 1761

Range (in code): IT Sa Si TR 01 06 25 33 35 53 65 76 65 76D 76Dc 65A 65Ai

First record for the fauna of Van Province.

Curculionidae

87. *Coniatus tamarisci* (Fabricius, 1787) (Figs.34, 35)

Synonym(s): *tamarisci* Fabricius, 1787

Range (in code): US Arz Cn PT FR MT CY IL Pa TR IR Gor Gls TM 35 65 35U 65A 65Ai

First record for the fauna of Van Province.

88. *Larinus jaceae* (Fabricius, 1775) (Fig.36)

Synonym(s): *jaceae* Fabricius, 1775

Range (in code): TR 06 07 25 27 29 32 38 46 51 65 65A 65Am 65Am4

First record for the fauna of Van Province.

89. *Larinus onopordi* (Fabricius, 1787) (Fig.37)

Synonym(s): *onopordi* Fabricius, 1787

Range (in code): TR 01 02 07 12 13 23 27 30 31 33 35 40 45 46 47 50 51 56 63 65 70 76 80 13A 13Ab 13Ac 13Af 13Ax 47D 56F 65A 65Am 65Am4 65F 65Fp 65Fz 65H 65N 65Nr3 65Nm 76D 76Dğ

90. *Lixus (Callistolixus) aff. cylindrus* (Fabricius, 1781) (Fig. 38)

Synonym(s): *cylindrus* Fabricius, 1781; *cylindricus* Fabricius, 1787; *acupictus* A. Villa & B. Villa, 1833; *albopictus* Reitter, 1892

Range (in code): AZ AM Cc AT BG CZ GR DE GG HU IT PL RO PT ES SK RU Cc Da UA IR TR 01 65 65A 65Ai

The species is identified here temporarily. Externally, it looks like to *cylindricus* with some slight differences in maculations of the elytra.

First record for the fauna of Van Province.

Dermestidae

91. *Attagenus* sp. (Fig. 39)

The genus has been recently revised in Turkey, together with a new and 24 species (Kadej & Hava, 2014). The present record is based upon a single specimen from Bağcılar (2040m) on early June of 2016.

Glaphyridae

92. *Amphicoma (Eulasia) arctos* (Pallas, 1781) (Fig. 40)

Synonym(s): *arctos* Pallas, 1781; *martes* Frivaldsky, 1845; *armeniaca* Reitter, 1890; *aurantiaca* Reitter, 1890; *subfasciatula* Reitter, 1903; *anatolica* Reitter, 1903

Range (in code): YU BG TR GG AM Cc 05 06 13 16 19 25 27 30 33 37 40 42 44 46 49 56 60 65 75 78 30C 30D 44A 44Ab 49E 49Ea 56F 56Fs 65A 65Ai 65Am 65Am4 65As 65D 65Dg 65F 65Fd 65Fp 65Fz 65N 65Ns 65Np1 65Nş 65Nm

93. *Amphicoma (Pygopleurus) vulpes* (Fabricius, 1781) (Fig. 41)

Synonym(s): *alopencias* Pallas, 1781; *vulpes* Fabricius, 1781; *hirta* Fabricius, 1781; *vulpecula* Truqui, 1848; *pyrrhothrix* Dohrn, 1885; *griseovillosa* Reitter, 1903; *obscurithorax* Miksic, 1955; *bogoevskii* Miksic, 1955

Range (in code): AL BG MK MD RO GR TR UA Cm Cc RU Ro VI KG 06 33 49 65 72 49E 49Eb 65A 65Aç 65F 65F1 65Fz 72F

Lucanidae

94. *Dorcus parallelipedus* (Linnaeus, 1758)

Synonym(s): *parallelipedus* Linnaeus, 1758; *bipunctatus* Schrank, 1798

Range (in code): TR Cc LB IR Gh Mz Elb Kh KG 08 14 28 31 32 55 65 65A 65Ai

First record for the fauna of Van Province.

Meloidae

M.A. Bologna (pers. comm., 14-17 November, 2017) kindly helped for the identification of some species of *Mylabris* and allied genera from Bahçesaray (see below).

95. *Hycleus scabiosae* (Olivier, 1811) (Fig. 42)

Synonym(s): *scabiosae* Olivier, 1811; *euphratica* Marseul, 1870; *marseuli* Ballion, 1878; *alienigera* Heyden, 1883; *maracadensis* Dokhtouroff, 1889; *auliensis* Pic, 1901; *sicheri* Fleischer, 1921; *eichleri* Mader, 1927; *transcaspiensis* Pic, 1928; *delta* Sumakov, 1930; *epsilon* Sumakov, 1930

Range (in code): RO GR AZ AM GG RU Cc TR SY LB IQ IR JO IR KG MN AF TM TJ UZ CN Ui 04 06 11 13 17 24 25 26 30 36 42 44 45 47 49 58 65 76 30D 30Dç 58G 58Gj 65A 65Au 65F 65Fd 65Fm 65N 65Nr2 65Nm

96. *Hycleus* sp. (Fig. 43)

For the precise identification, it needs further research (Bologna pers. comm.).

97. *Mylabris (Eumylabris) cincta* Olivier, 1811 (Fig. 44)

Synonym(s): *cincta* Olivier, 1811; *tiflensis* Billberg, 1813; *matthesi* Faldermann, 1837; *bicolor* Waltl, 1838; *taeniata* Waltl, 1838; *tringulata* Redtenbacher, 1850; *jugatoria* Reiche, 1865; *soubironi* Pic, 1921; *#cincat* Kaszab, 1968

Range (in code): MK GR UA RU TR AF Cc GR SY JO IR DZ 01 07 08 12 14 23 24 25 30 32 35 38 45 47 48 62 65 30D 30Dç 65A 65Au 65D 65Dla

98. *Myiobris (Eumylabris) fabricii* Sumakov, 1924 (Figs. 45, 46)

Synonym(s): *decimpunctata* Petagna, 1787 nec Fabr., 1781; *forti* Mulsant, 1857; *fabricii* Sumakov, 1924

Range (in code): AL GR MK BG MD UA TR Cc IL Pa RU KG UZ IR IT Si 01 06 08 12 13 23 24 26 30 32 35 36 42 46 47 49 51 58 62 65 69 76 13A 13Aç 13Ah 13Ax 30B 30Bk 36D 36Db 46F 58G 58Gj 65A 65Ac 65Ac3 65Aj 65D 65Df 65Dn 65G 65Gu 65F 65Fw 65Fz 76A 76Ac 76Ac

99. *Stenoderia (Stenoderina) anatolica* (Frivaldsky, 1884) (Fig. 47)

Synonym(s): *anatolica* Frivaldsky, 1884

Range (in code): TR 01 06 07 16 24 31 33 46 60 65 06R 31M 65A 65Am 65Am4

First record for the fauna of Van Province.

***Melyridae*
*Malachiinae***

100. *Attalini* sp. (Fig. 48)

This striking species was found at Paşaköy 1600m, however, we are currently unable to identify it.

101. *Malachius aeneus* (Linnaeus, 1758)

Synonym(s): *aeneus* Linnaeus, 1758

Range (in code): AL BY B-H BG DK SE GB AT DE PL PT FR GR YU HU LT MK IT RO SK CH CZ RU UA AM Cc TR KK KG US 44 56 65 76 44A 44Ab 44L 44Lc 56D 56Db 56Dc 65A 65Ai 65D 65Dg 65K 65Ky 65Ky1 65N 65Np 65Nm 76B 76Bf 76Bh 76D 76Dc

Common in the district.

Scarabaeoidea

102. *Anisoplia (Chaetopteropia) segetum* (Herbst, 1783)

Synonym(s): *segetum* Herbst, 1783; *campestris* Herbst, 1783; *fruticola* Fabricius, 1787; *volhynica* Roubal, 1931

Range (in code): AZ AM Cc BE AT BY CZ FR DE HU MD NL PL RO SK SS UA Cm YU TR BG RU TM KG 01 19 13 26 33 37 38 44 50 57 65 80 13A 13Ae 13Ax 65A 65At 65At2 65E

103. *Cetonia (s.str.) aurata* (Linnaeus, 1761)

Synonym(s): *aurata* Linnaeus, 1761; *smaragdus* De Geer, 1774; *aenea* Fuessly, 1778; *chlorochrysa* Schrank, 1776; *viridicoruscus* Voet, 1779; *maculata* Scriba, 1790; *variabilis* Preyss., 1790; *piligera* Mulsant & Rey, 1842; *praeclara* Mulsant & Rey, 1842; *clermonti* Bourgin, 1948

Range (in code): IT LT BY UA Cm SS BG Cc GG AM TR RU Ur Sb KG KK TM IR UZ CN Ui 01 05 12 13 14 27 48 56 57 60 65 67 70 74 13A 13Af 13Ae 13Ax 13F 56F 56F1 56Fp 65A 65Am 65Am1 65At 65At2 65B 65Bö 65Bx 65D 65Dg 65Dn 65F 65Fp 65Fz 65K 65Kb 65N 65Np2 65Ns 65Nr3 65Nm

104. *Oxythyrea cinctella* (Schaum, 1841)

Synonym(s): *albella* Illiger, 1802 (praeocc.); *cinctella* Schaum, 1841; *natalia* Olsufiev, 1917

Range (in code): AL BG GR MK Cc AM GR TR SY LB IL Pa IR JO EG IQ KK KG TM UZ TJ YU MK RU PK AF CN Ui 01 03 06 07 09 10 11 12 13 15 16 17 18 19 20 22 24 26 27 31 32 33 35 37 38 39 40 42 43 44 45 48 50 51 54 56 59 60 64 65 67 73 74 76 80 12A 12Ab 12Ah 13A 13Ab 13Aç 13Ae 13Ax 13F 13G 13Gd 13Gö 13Gg 31K 31Ka 35Z 44L 44Lc 56D 56Db 56Dh 56F 56Fc 56Fp 65A 65Ai 65At 65At2 65B 65Bn 65Bn1 65D 65Df 65E 65F 65Fb 65Fd 65F1 65Fz 65K 65Kb 65Kç 65Ku 65Kz 65Kg 65N 65Np 65Nr4 65Nr6 65Nm 73A 73Ak 73D 73Df 73Dfb 73E 73H 73Ha 76A 76Ac 76D 76Dh 76Dg

105. *Protaetia (Netocia) hungarica* (Herbst, 1790)

Synonym(s): *hungarica* Herbst, 1790

Range (in code): HU GR LT Cc AM AZ IR SY TR IR IQ TM KG RU Sb MN 01 03 05 06 07 08 13 15 20 21 24 25 26 29 31 32 36 37 38 40 42 44 49 50 51 58 60 62 65 66 68 70 71 76 06R 13A 13Aç 13Af 3Ax 13G 36F 62G 65A 65Am 65Am4 65D 65Dc 65I 70D 76B

106. *Rhizotrogus (s.str.) aestivus* (Olivier, 1789)

Synonym(s): *aestivus* Olivier, 1789; *bimaculatus* Herbst, 1790; *inanis* Brahm, 1790; *gracilis* Frölich, 1792; *maculicollis* Zubkov, 1833; *incertus* Mulsant, 1842; *subvittatus* Mulsant, 1842; *faldermanni* Reiche, 1862; *nudicollis* Dalla Torre, 1879; *castaneipennis* Pic, 1926

Range (in code): RU UA Cm TM Cc TR AZ AL AM AT BE B-H BG HV CZ FR DE GG GR HU IT KG MK MD NL PT RO SK CH YU 29 37 61 65 74 65A 65Au

First record for the fauna of Van Province.

107. *Sisypus schaefferi* (Linnaeus, 1758)

Synonym(s): *schaefferi* Linnaeus, 1758

Range (in code): DE FR BE SK AT IT TR RU Am BG UA Cm Cc AM GG TM MN CN RU Am KP KR 01 03 06 07 11 14 22 31 32 33 35 37 38 39 40 46 48 65 67 65A 65Am 65Am2 65Am4 65F 65Fd 65Fp 65Fz 65K 65Kz 65Kg 65N 65Np 65Nm

108. *Tropinota (Epicometis) hirta* (Poda, 1761)

Synonym(s): *hirta* Poda, 1761; *hirtellus* Linnaeus, 1767; *vestita* Say, 1825; *nigrina* Mulsant, 1842; *subfasciata* Mulsant, 1842; *tonsa* Burmeister, 1842; *crispa* Petrovitz, 1971

Range (in code): MA PT ES AL AT BE B-H BY HV CZ FR DE GR GG RO TR IR Kh Bjn Msh SY LB IL Pa Cc YU RU UA Cm KG 01 03 05 06 07 08 09 10 11 14 15 16 17 18 19 20 22 27 31 32 33 35 37 38 39 40 41 42 43 45 46 48 51 54 56 59 64 65 70 71 76 80 31K 31Ka 31M 56F 56Fs 65A 65Aö 65F 65F1 65Fd 65F2 65Fz 76D 65K 65N 65Np 65Nm 76Dh

Silphidae

109. *Silpha obscura* Linnaeus, 1758

Synonym(s): *obscura* Linnaeus, 1758; *orientalis* Brullé, 1832

Range (in code): BG GR MK RO TR CN Ui Ku Tpn Um RU Sb MN 07 08 14 17 18 22 25 26 30 35 36 43 51 61 62 65 75 65A 65Am 65Am1 65N 65Nc

Staphylinidae

110. *Ocypus olens* (O. Müller, 1764)

Synonym(s): *olens* O. Müller, 1764; *major* De Geer, 1774; *unicolor* Herbst, 1784; *macrocephalus* Stephens, 1832 (preocc.); *meridionalis* Fiori, 1894; *fulvopilosus* Fiori, 1894

Range (in code): Az TR AL AT BE B-H GB Cn HV CZ DK FR DE GR HU IT ES SK PL PT RO SE CH NL 33 35 45 65 65A 65Am 65Am1

First record for the fauna of Van Province.

Tenebrionidae

111. *Cteniopus (s.str.) sulphureus* (Linnaeus, 1758) (Fig. 49)

Synonym(s): *sulphureus* Linnaeus, 1758; *flavus* Scopoli, 1763; *murinus* Herbst, 1783; *luteus* Geoffroy, 1785; *varians* Fabricius, 1787; *sulphuratus* Gmelin, 1790; *bicolor* Fabricius, 1794; *analisis* Seidlitz, 1896; *gilvus* Seidlitz, 1896; *palpalis* Seidlitz, 1896; *altaicus* Reitter, 1906

Range (in code): AT HV CZ DK FI FR GB DE GR HU IT KG RU At LT LV NL NO PL RO ES CH SE UA YU Us MN TR 51 56 65 56F 56Fp 65A 65Ai 65F 65Fw 65Fz

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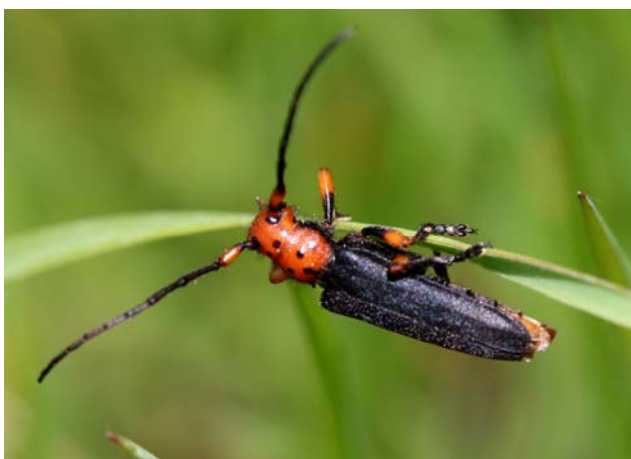
Figs. 12, 13 - *Attelabus nitens* on *Quercus* sp. from Paşaköy 1600m, 2 6 2016 (left); *Rhynchites hungaricus* on *Rosa*, Paşaköy 1600m 25 6 2016 (right), M. Kemal (Cesa)



Figs. 14, 15 - *Agapanthia kirbyi* at rest. Bahçesaray, Altındere 1920m (65At2) 11 6 2016 (left); *Chlorophorus varius* from Paşaköy 1600m (65Ai) on 4 8 2016 (right), M. Kemal (Cesa)



Figs. 16, 17 - *Mallosia imperatrix* from Meteorology Station 2570m (65Aç) (left); *Mallosia interrupta* from Bahçesaray, Bağcılar 2040m (65As) 4 6 2016 (right), M. Kemal (Cesa)



Figs. 18, 19 - *Musaria kurdistan* from Bahçesaray, Bağcılar 2040m (65As) 10 6 2016 (left), *Musaria puncticollis* from same place, on 4 6 2016 (right), M. Kemal (Cesa)



Figs. 20, 21 - *Osphrantheria caerulea* from Paşaköy 1600m (65Ai), on 4 8 2016 (left); *Oxylia argentata* at rest, from same place, on 2 6 2016 (right), M. Kemal (Cesa)



Figs. 22, 23 - *Stenurella bifasciata* (female) from Paşaköy 1600m (65Ai), on 15 7 2016 (left); *Stictoleptura tripartita* from same place and date (right), M. Kemal (Cesa)



Figs. 24, 25 - *Cryptocephalus moraei* from Paşaköy 1600m (65Ai), on 25 6 2016 (left); *Cryptocephalus sericeus* from same place, on 5 8 2016 (right), M. Kemal (Cesa)



Figs. 26, 27 - *Cryptocephalus* sp. from Bahçesaray, Paşaköy 1600m (65Ai), on 25 5 2016 (left), same species in copula from same place, on 12 6 2016 (right), M. Kemal (Cesa)



Figs. 28, 29 - *Sermylassa halensis* from Bahçesaray, Meteorology Station 2570m (65Aç) 10 8 2016 (left); *Trichodes* aff. *affinis* in copula. Bahçesaray, Altındere (65At) on 26 6 2016 (right), M. Kemal (Cesa)



Figs. 30, 31 - *Trichodes apiarius* from Bahçesaray, Paşaköy 1600m (65Ai), on 23 6 2016 (left); *Trichodes ephippiger* from same place, on 12 6 2016 (right), M. Kemal (Cesa)



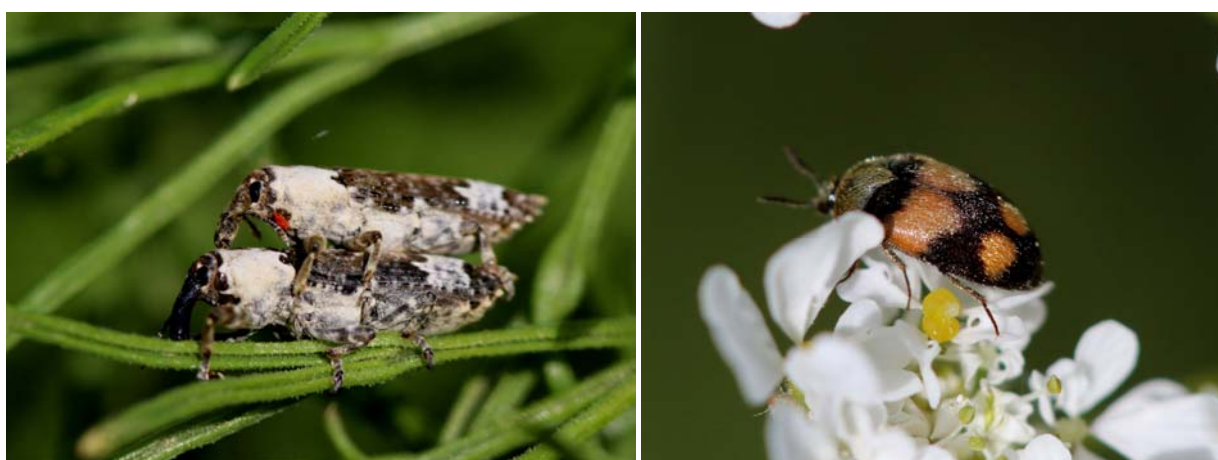
Figs. 32, 33 - Various coccinellids from Bahçesaray: *Coccinula quatuordecimpustulata* from Paşaköy 1600m 15 7 2016 (left), *Hippodamia (Adonia) variegata* from Meteorology Station 2570m, on 23 6 2016 (middle), *Vibidia duodecimguttata* from Paşaköy 1600m 5 8 2016 (right), M. Kemal (Cesa)



Figs. 34, 35 - *Coniatus tamarisci*. Copulation (left), cocoon prepared by full grown larva before pupation (right). Both from Bahçesaray, Paşaköy 1600m, on 5 7 2016, M. Kemal (Cesa)



Figs. 36, 37 – *Larinus jaceae* from Bahçesaray, Upper Mukus Valley 1840m, 26 5 2016 (left); *Larinus onopordi* from same place and date (right), M. Kemal (Cesa)



Figs. 38, 39 – *Lixus (Callistolixus)* aff. *cylindrus* from Bahçesaray, Paşaköy 1600m (65Ai), on 25 5 2016 (left); *Attagenus* sp. from Bahçesaray, Bağcılar 2040m, on 10 6 2016, M. Kemal (Cesa)



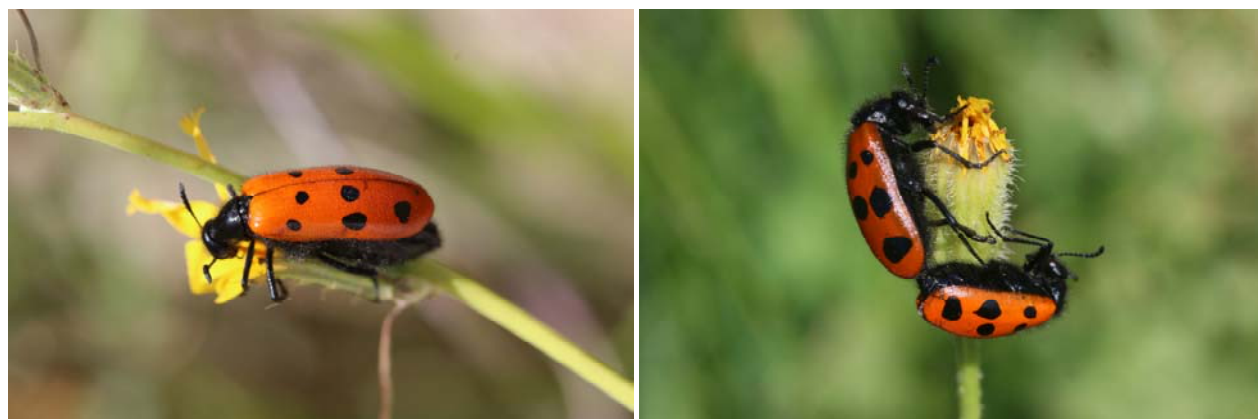
Figs. 40, 41 - *Amphicoma arctos* from Bahçesaray, Bağcılar 2040m (65As) on 4 6 2016 (left); *Amphicoma vulpes* from Bahçesaray, Meteorology Station 2570m (65Aç), on 5 6 2016 (right), M. Kemal (Cesa)



Figs. 42, 43 - *Hycleus scabiosae* (det. Bologna). From Bahçesaray, Lower Mukus valley, damp meadows 1540m (65Au) on 6 6 2016 (left); *Hycleus* sp. (det. Bologna) from Upper Liman 2320m, 6 8 2016 (right), M. Kemal (Cesa)



Fig. 44 - *Mylabris cincta*. Bahçesaray, Lower Mukus valley, damp meadows 1540m (65Au) on 6 6 2016, M. Kemal (Cesa)



Figs. 45, 46 - *Mylabris fabricii*, from Bahçesaray, Upper Liman 2320m 6 8 2016 (left); same species from Upper Imamlı village 2600m 15 7 2017, in copula (right), M. Kemal (Cesa)



Fig. 47 – *Stenodera anatolica* (det. Bologna), from Bahçesaray, Upper Mukus Valley 1840m (65Am4), 10 5 2016, M. Kemal (Cesa)



Figs. 48, 49 - ?*Attalus* sp. from Bahçesaray Paşaköy 1600m on 4 8 2016 (left); *Cteniopus sulphureus* from same place on 15 7 2016 (right), M. Kemal (Cesa)

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